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MMC #538-PROPOSAL FOR OCEAN WATER COLOR ASSESSMENT FROM

ERTS-A RBV & MSS IMAGERY

D. S. ROSS

Progress Report, Period Nov/Dec-1972

Contract NAS5-21862

1. PROGRESS. A retroactive order was placed for the missing RBV imagery of the primary test area (Monterey Bay, California) on 8 Nov 1972, but to this date (8 Jan 1973) has not been received.
2. A visit was made to NASA/GSFC 22 Nov 1972 for discussions with the Technical Monitor (E. W. Crump) and to review other RBV and MSS imagery which might be suitable for this work. An area off the Florida Coast was tentatively identified for possible substitution as a primary test region.
3. Using MSS images of the southern New England-Boston area, some experimental work was done to estimate the relative orders of magnitude of the effects of haze between the green, red and IR bands. The method depends on comparing the densities of light and dark areas of image detail. Work is proceeding on this and shows promise, but reporting in detail is premature.

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